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**Japan (JP)**

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DETECTING MEANS FOR OPERATION OF TYPEPRINTING HAMMER (English)

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## ⑪ 公開実用新案公報 (U)

昭57-80087

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23/68

識別記号

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審査請求 未請求

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## ⑭ コネクタ

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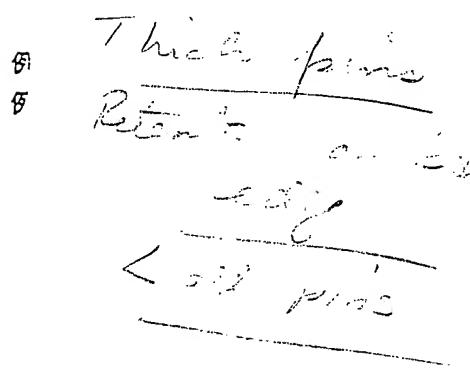
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外3名

## ㉒ 実用新案登録請求の範囲

複数個の端子を有し、プリント板の穴に該端子を挿入したのち半田付けして固定されるプリント板用直付けコネクタにおいて、前記複数個の端子のうちの両外側の2個の端子に仮止め用の手段を設けたもの。

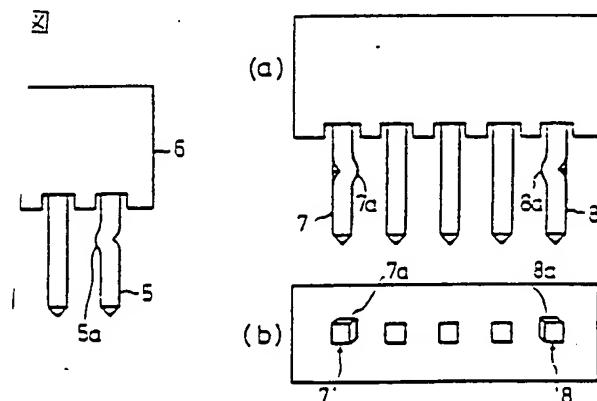
図



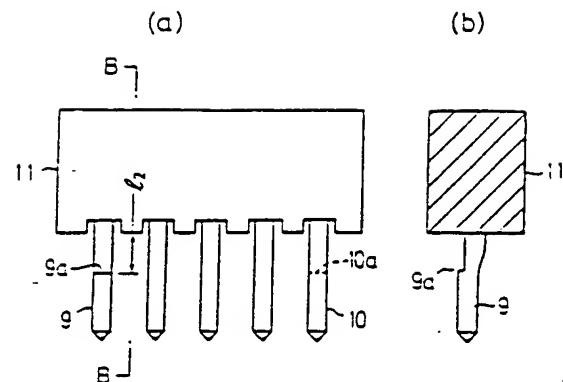
の正面図、第3図bはその下面図、第4図aは第3の実施例の正面図、第4図bは第4図aのB-B線における断面図、第5図は第4の実施例の正面図、第6図は第5図のVI-VI線における断面図、第7図は第5の実施例の正面図である。

4, 5, 7, 8, 9, 10, 12, 13, 15,  
16…端子、6, 11, 14…コネクタ本体、  
4a, 5a, 7a, 8a…突出部、9a, 10a…段付  
部、12, 13a…バルジ。

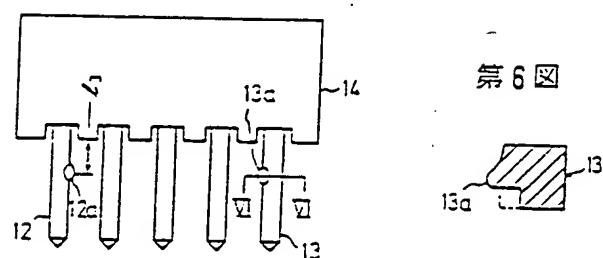
第3図



第4図



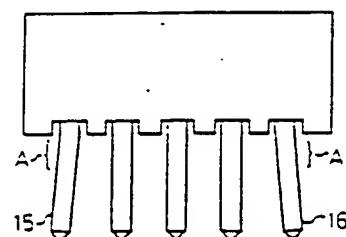
第5図



第6図



第7図



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(54) TITLE: Connector

(72) All Inventors: Akira Watanabe, Ikuhiro Andoh, Hiromichi Koyama

(71) Applicant: Fujitsu KK (Fujitsu Corp.)

(74) Representative: Attorney at Law: Akira Aoki

(57) Claims

This invention covers a connector with multiple terminals that after the terminals are inserted into receptive holes on a printed circuit board, the printed circuit board is fixed through soldering, and that two of the aforementioned terminals placed at the outermost location are equipped with a means for temporary retention.

Detailed Explanation of the Figures:

Figure 1 is an isometric view of an example of a conventional connector directly attached to a printed circuit board. Figure 2 is a front view of an example of this invention. Figure 3a shows a front view of the example in Figure 2. Figure 3b shows its bottom view, Figure 4a is a front view of one practical example of that shown in Figure 3. Figure 4b is the cross sectional view along line B-B on Figure 4a. Figure 5 is a front view of one practical example of that shown in Figure 4. Figure 6 is the cross sectional view along line VI-VI in Figure 5. Figure 7 is the front view of a practical example of that shown in Figure 5.

- 4. 5, 7, 8, 9, 10, 12, 13, 15, 16 .... Terminals
- 6. 11, 14 .... Connector Main Body
- 4a. 5a. 7a. 8a .... Projecting Section
- 9a. 10a .... Stepped Section
- 12a. 13a .... Bulge

CERTIFICATE OF TRANSLATION

This is to certify that the foregoing translation from Japanese to English was made under my personal supervision by a qualified translator conversant with both these languages and that to the best of my knowledge and understanding it is a true and complete rendition of the corresponding original document.

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Subscribed and sworn to before me, a Notary Public in and for Cook County, Illinois this 11 day of January, 1990

William J. Rierson Jr.

